

Wisconsin River Bridge Replacement Project

County T

Blue River to Port Andrew

Grant & Richland County

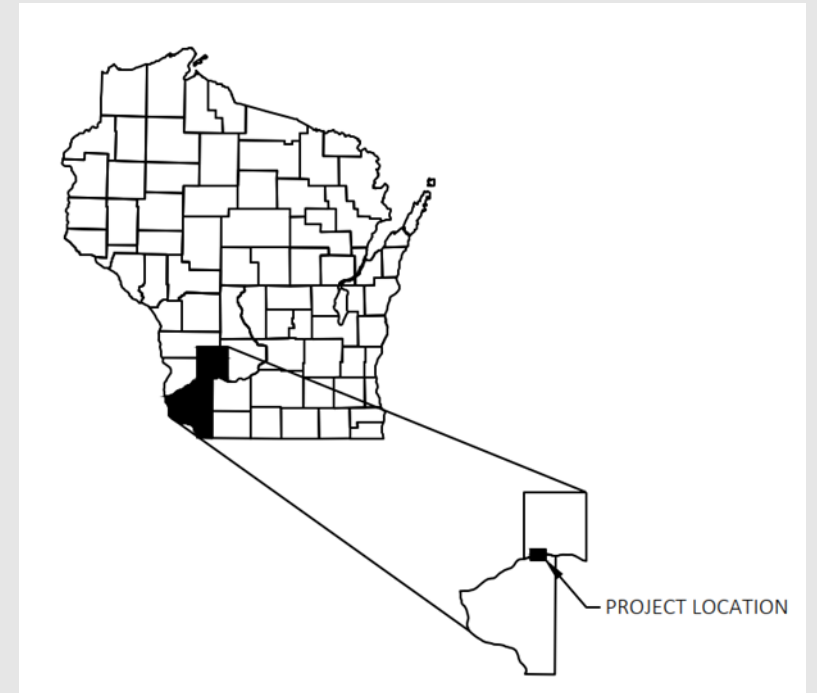
WisDOT Project 5199-01-01/81

Local Officials Meeting

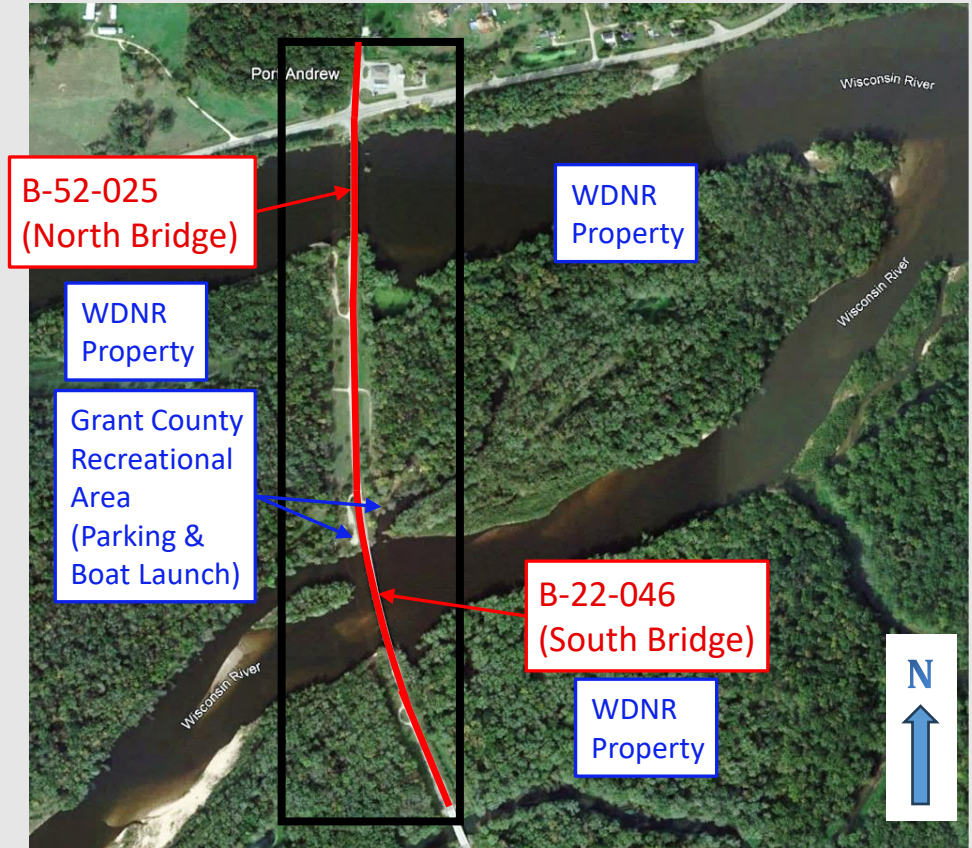
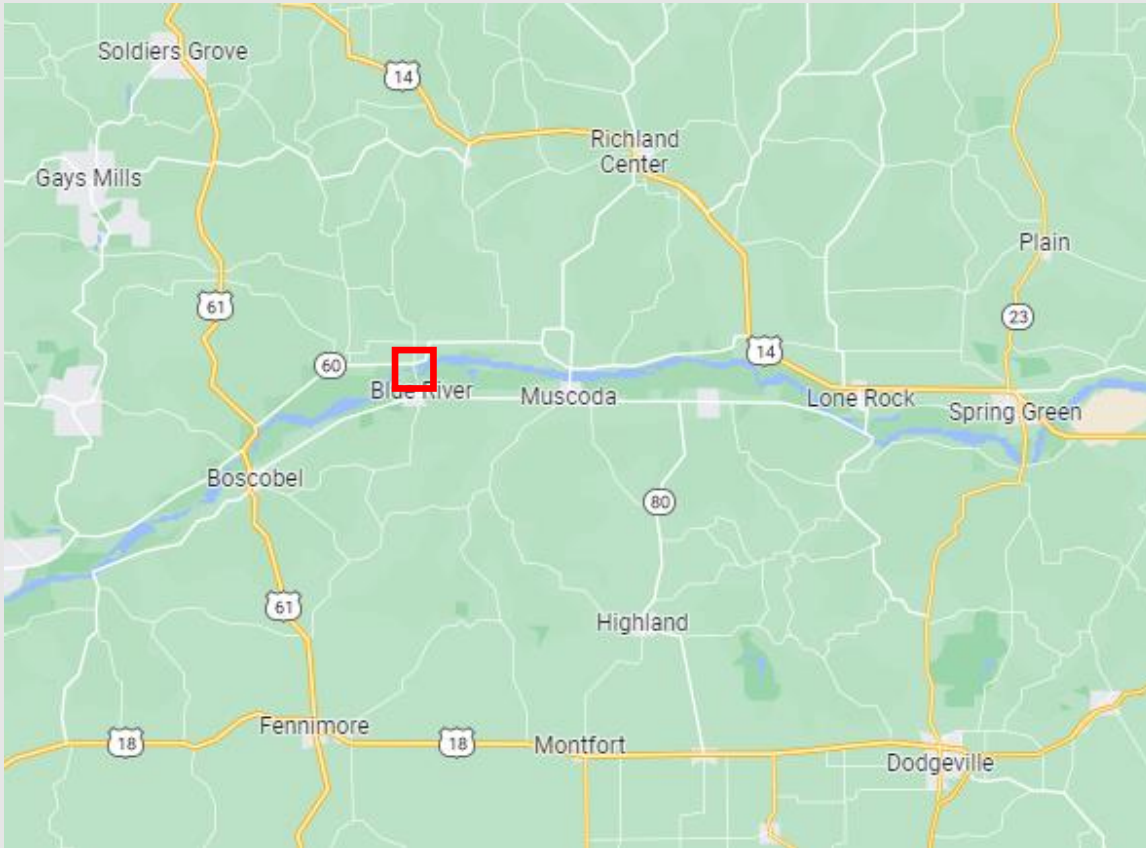
May 14, 2024

Presentation Agenda

- Project Location
- Project Purpose & Need
- Proposed Design Improvements
- Construction Staging
- Project Schedule
- Contact Information

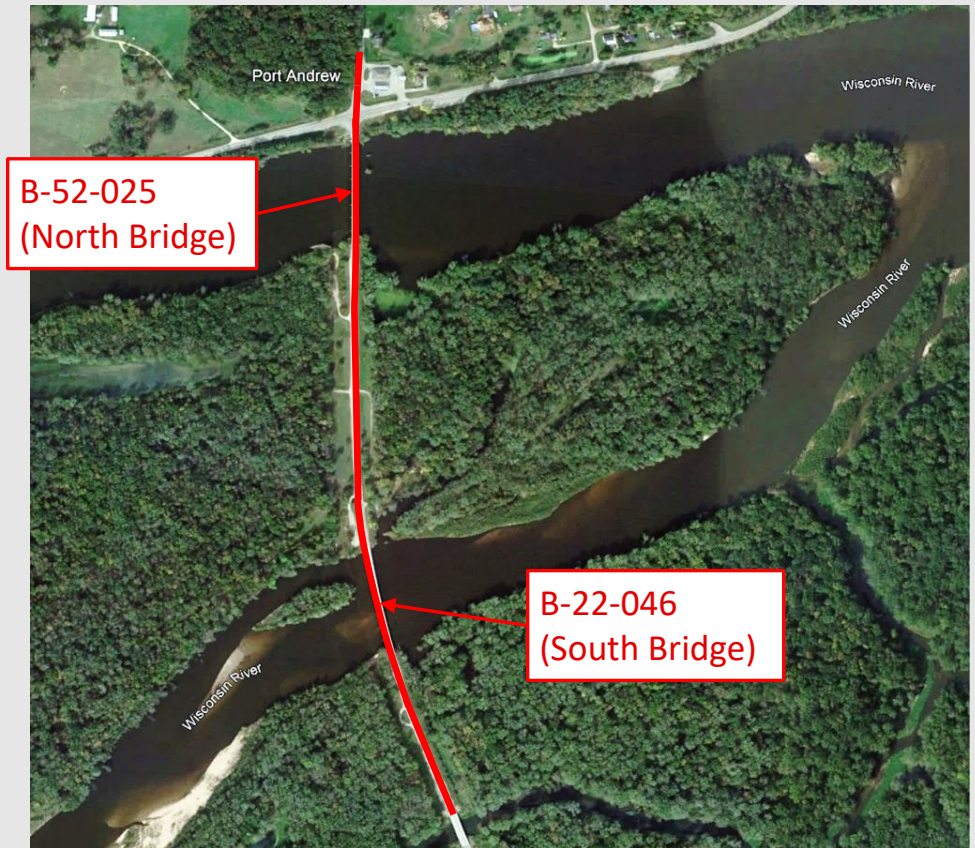


Project Location



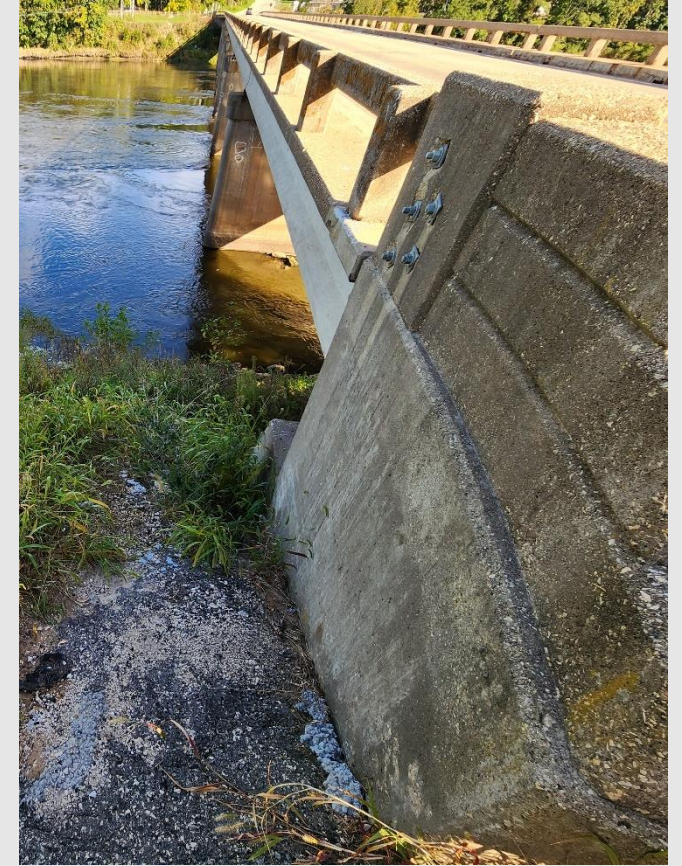
Project Purpose & Need

The purpose of this project is to preserve and improve the structural deficiencies and functionality of bridges B-22-046 (south bridge) and B-52-025 (north bridge) over the Wisconsin River.



Project Purpose & Need

The needs of this project are to rectify the existing structurally deficient and functionally obsolete bridges. These are state statute 84.10 structures which means they will be turned over to County ownership once the project is completed.



Proposed Design Improvements

• Previous Scope

- Rebuild existing bridges and approaches on current alignment (same location)
- Beam guard, pavement marking and signing upgrades
- No real estate acquisition needed

• Revised Scope

- Rebuild existing bridges on new alignment (new location to the west or east of existing)
- Roadway limits to start south of B-22-046 (south bridge) and extend north of WIS 60
- Intersection with WIS 60 and County X will be realigned
- Beam guard, pavement marking, and signing upgrades
- Some real estate acquisition likely needed



Proposed Design Improvements

- Existing Bridge B-22-046 (South Bridge)
 - 2400 feet south of WIS 60
 - 520 feet long, 8 spans
 - Roadway width = 26 feet
 - Open concrete railings
- Remove and replace with proposed Bridge B-22-302 (South Bridge)
 - Proposed length and number of spans TBD
 - Roadway width = 34 feet (11-ft lanes, 6-ft shoulders)
 - Anticipated Vertical increase of ~2.3 feet
 - Closed concrete parapets
 - Retaining wall alternatives under consideration



Proposed Design Improvements

- Existing Bridge B-52-025 (North Bridge)
 - 350 feet south of WIS 60
 - 551 feet long, 9 spans
 - Roadway width = 26 feet
 - Open concrete railings
- Remove and replace with proposed Bridge B-52-283 (North Bridge)
 - Proposed length and number of spans TBD
 - Roadway width = 34 feet (11-ft lanes, 6-ft shoulders)
 - No vertical increase anticipated
 - Closed concrete parapets
 - Retaining wall alternatives under consideration



Proposed Design Improvements

- Bridge Aesthetics

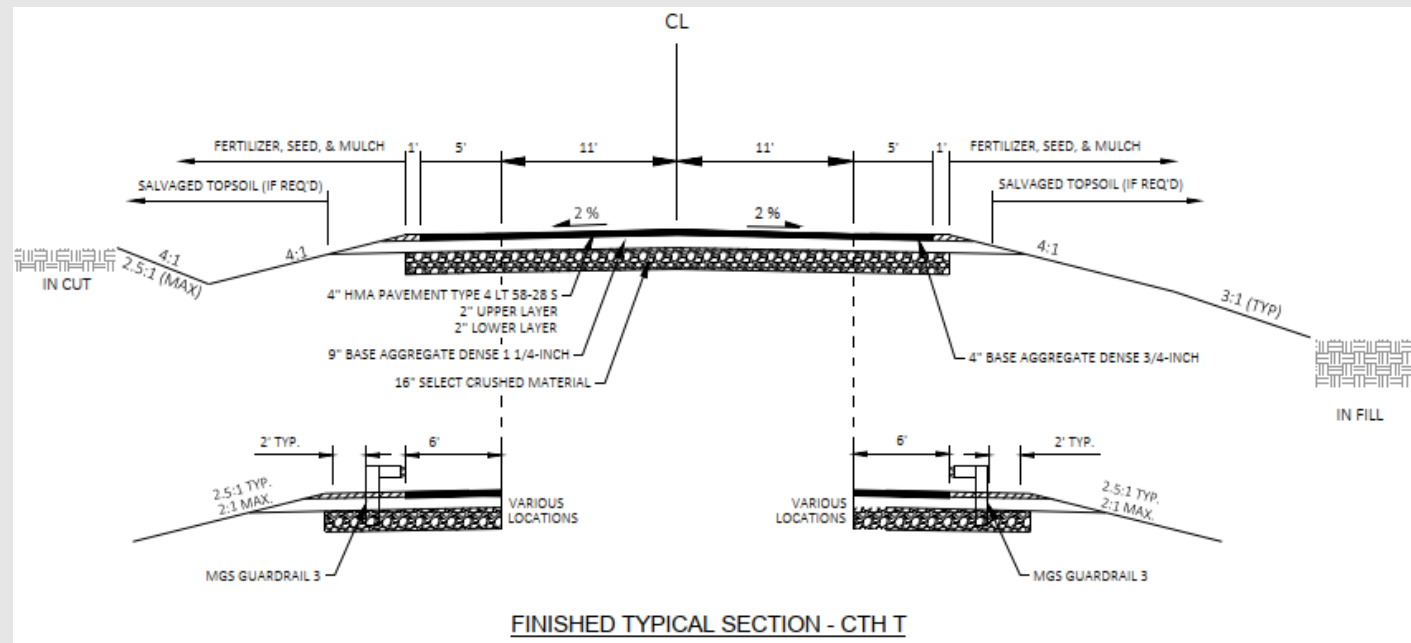
- Mimic US 14 bridge in Spring Green & WIS 133 bridges in Lone Rock
 - Stained decorative railing
 - Stained decorative piers



Proposed Design Improvements

- County T Typical Sections

- 4" HMA over 9" Aggregate over 16" Select Crushed Material
- 11-ft lanes, 6-ft shoulders (5-ft paved)



Proposed Design Improvements

- Section 4(f) Properties and Impacts
- Section 4(f) Properties
 - Include, but are not limited to, parks and recreational areas of national, state, or local significance that are publicly owned and open to the public.
- 4(f) Properties within the project limits
 - Grant County Recreational Area (parking and boat launch)
 - Temporary access impacts during construction
 - Major impacts expected to one, if not both facilities
 - WDNR property
 - Temporary impacts likely, with permanent impacts possible



Construction Staging

- County T will remain open to traffic for a majority of the project
 - Short-term single lane and/or full closures may be necessary
- WIS 60 anticipated to be constructed under flagging operations
- County X has a higher chance to be closed while the intersection is under construction
 - Safer alternative
 - Short, local detour route available nearby
- Further details will be available as design progresses



Wisconsin River Construction Impacts

- Temporary Causeway
 - Used by Contractor to build structure features in the waterway
 - Will restrict overall channel width, main channel will remain open
- Navigation signs and buoys
 - Will be placed to direct boater and other river traffic



Project Schedule

- Local Officials Meeting #2 May 14, 2024
- Public Involvement Meeting #2 2025
- Environmental Document 2027
- Final Plans November 2030
- Anticipated Construction Summer 2032-2034*

* Could start as early as 2031 if funding is available



Contact Information

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Project website:

<https://wisconsindot.gov/Pages/projects/by-region/sw/county-bridges/default.aspx>

